

Figure 1

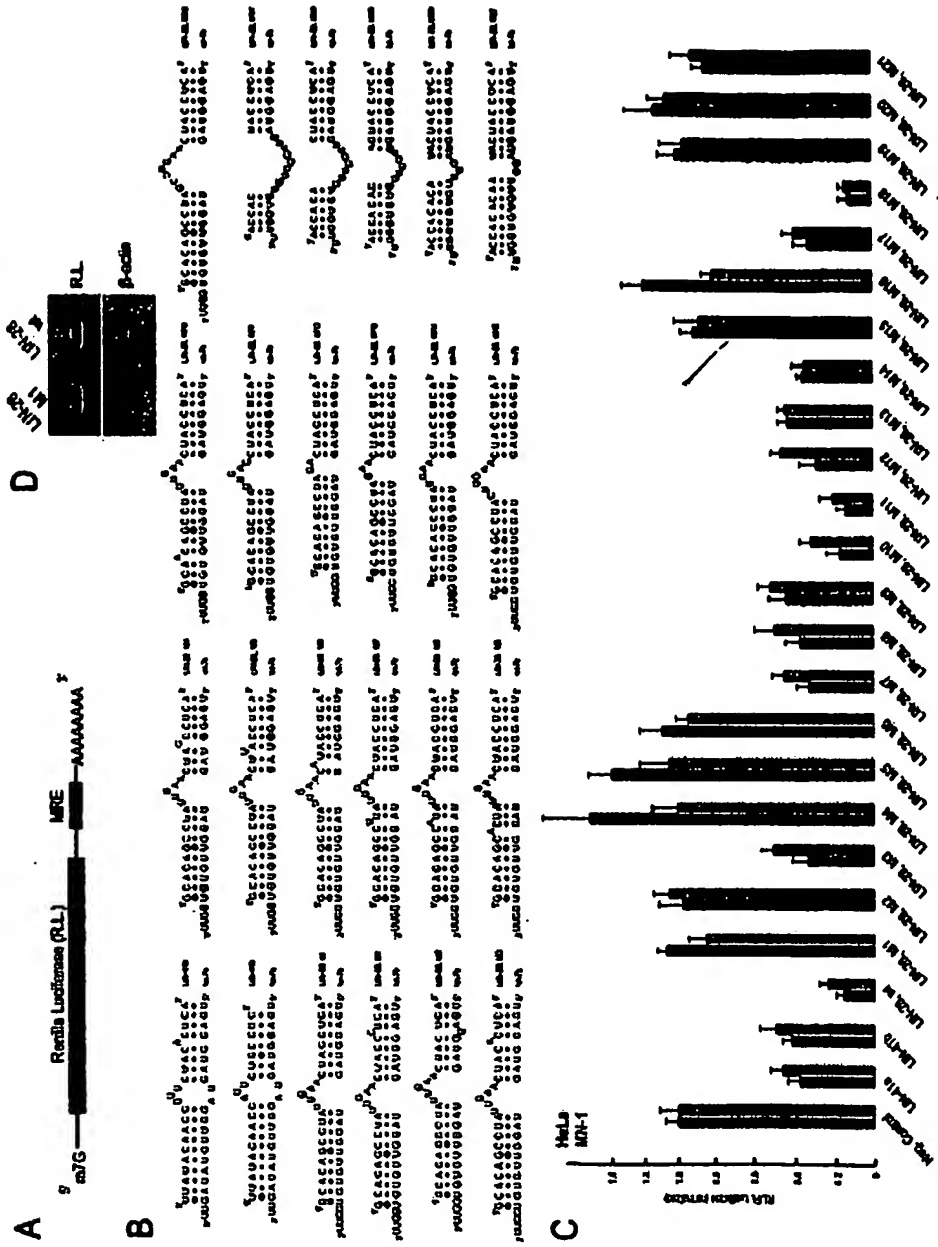
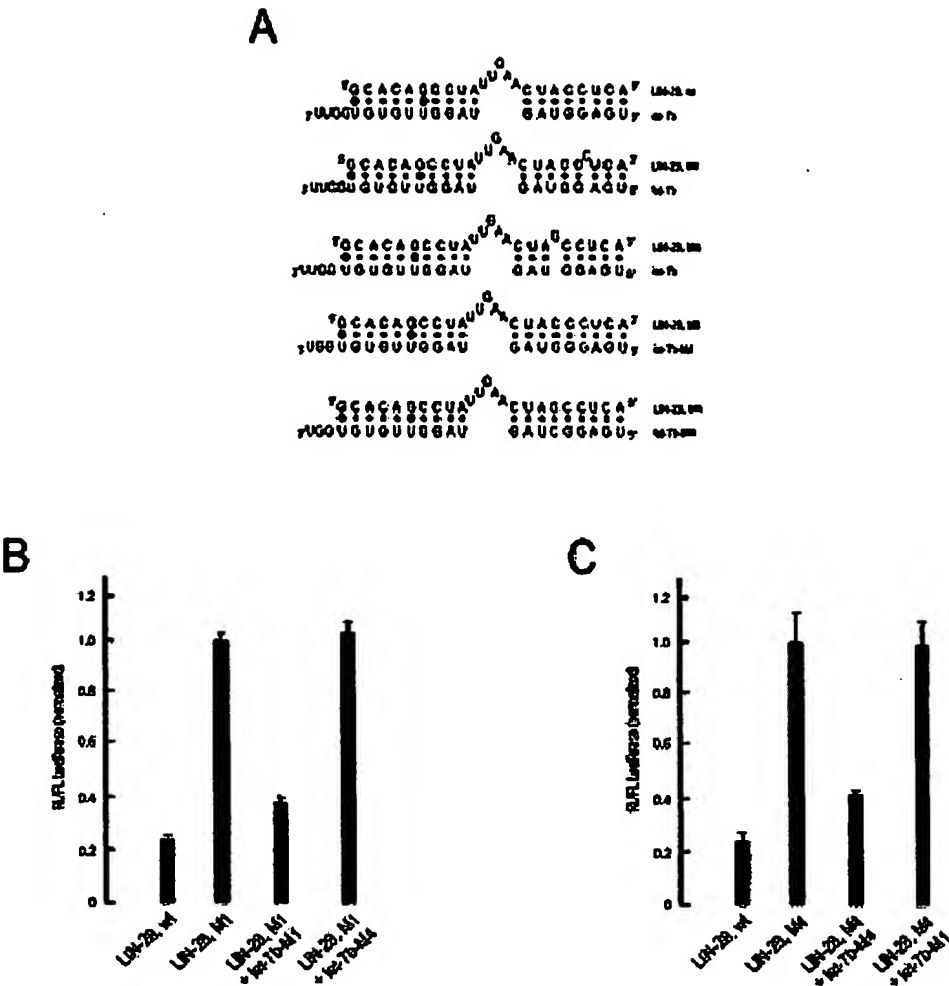


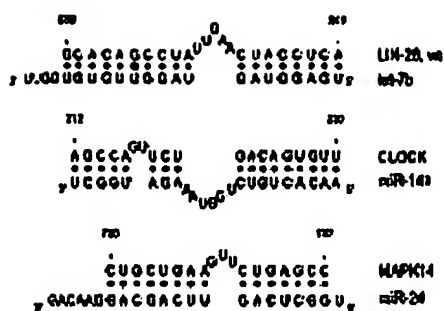
Figure 2



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Figure 3

A



B

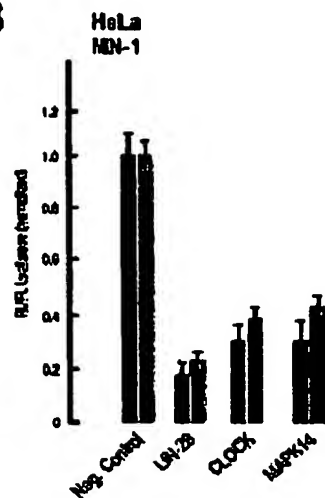
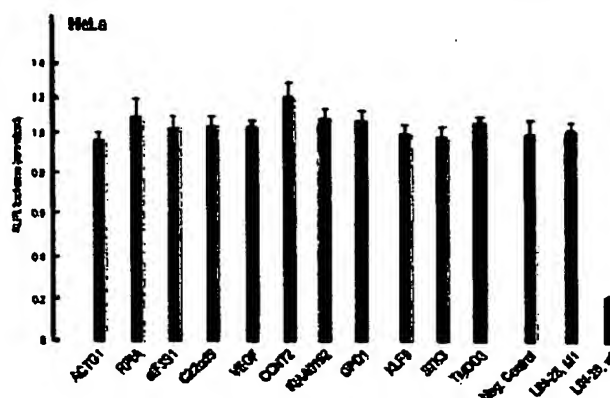


Figure 4

| miRNA | Target Annotation | 33A location (miRNA 3' end) | miRNA Binding Site (Top String: Target; Bottom String: miRNA) |
|----------------------|---|--------------------------------|---|
| let-7b | Actin gamma 1 (ACTG1; NM_001614) | 1294 | 5' ...cagaca-caccacgctgagccca... 3' 3' ...cagacagga...cacc-cgagc... 5' |
| let-7b | Ribose 5-phosphate isomerase A (RPIA; NM_144563) | 1013 | 5' ...caccagccagagctgagcagccccc... 3' 3' ...ggatgtaggg...cag-cagagc... 5' |
| let-7e | Eucaryotic translation initiation factor 3, subunit 1 alpha (eIF3S1; NM_003758) | 1140 | 5' ...accagccctcaccctgacctc... 3' 3' ...cagctgga...gg-caggg... 5' |
| miR-15 | Chromosome 22 open reading frame 5 (C22orf5; NM_012264) | 3152 | 5' ...cagggccc-aggctgctct... 3' 3' ...cagcttcgttaatacagagcga... 5' |
| miR-16 | Vascular endothelial growth factor (VEGF; NM_003376) | 1560 | 5' ...cgcacatccattctctctgctgccc... 3' 3' ...cgagc...caccac-cagagagagat... 5' |
| miR-16 | Cyclin T2 (CCNT2), transcript variant 2 (NM_001241) | 2254 | 5' ...caccatcctcctgctgctgctc... 3' 3' ...cagggctcaccac-cagagagagc... 5' |
| miR-34 | KIAA0152 gene product (NM_014730) | 4671 | 5' ...cactggtc--cctgagccc... 3' 3' ...gacagggcagcactgctcagc... 5' |
| miR-103 | Glycerol-3-phosphate dehydrogenase 1 (soluble) (GPD1; NM_005276) | 1368 | 5' ...cag-agccc--cag-cctgc... 3' 3' ...agatcaggggacatgtaacagcag... 5' |
| miR-141 (miR-157) | Kruppel-like factor 5 (intestinal) (KLF5; NM_001730) | 2033 | 5' ...caccatcttcactgtgacagcgtc... 3' 3' ...cctgtag-aaat-ggctgctcacc... 5' |
| miR-141 (miR-157) | Serine/threonine kinase 3 (STE20 homolog, yeast; STK3; NM_006281) | 2756 | 5' ...ggaactc--gacagcttc... 3' 3' ...cagtagagacatggctgctcscab... 5' |
| miR-145 | Tropomodulin 3 (ubiquitous) (TMOD3; NM_014547) | 1225 | 5' ...ctcctgagtagaggggagagagccgaa... 3' 3' ...cagagaccc--cttcacccc... 5' |



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Figure 5.

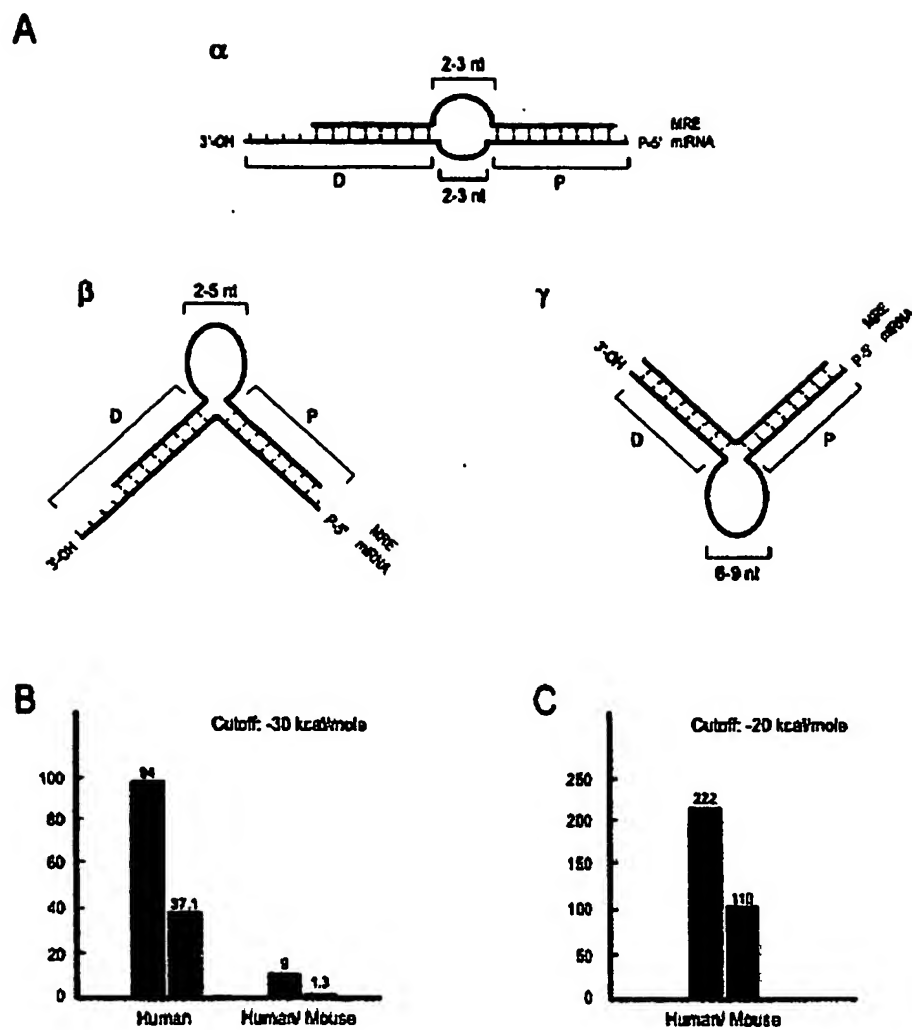


Figure 8

